

The Urban District Council of Formby.

SIXTH ANNUAL REPORT

OF THE

Medical Officer of Health

AND OF THE

Sanitary Inspector,

For the Year 1910.

FORMBY :

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Annual Report for 1910.

DUKE STREET,

FORMBY.

*To the
Chairman and Members of the Health Committee
of the Urban District Council of Formby.*

GENTLEMEN,

I have great pleasure in submitting my Sixth Annual Report on the Health and Sanitary condition of your district for the year ending 1910.

Six tables are included in the report as to the Vital Statistics of the district. Five of these tables are required by the Local Government Board, one by the Home Office, and Table VI. by the County Medical Officer.

Table I. deals with the Vital Statistics for the whole district in 1910 and the past 10 years.

Table II. deals with the separate Localities of the district and the past 10 years.

Table III. deals with the Infectious Cases notified during 1910.

Table IV. shows causes of and ages at death, during 1910.

Table V. deals with the Infantile Mortality during 1910.

Table VI. is a Summary and Report required by the County Medical Officer of Health.

VITAL STATISTICS.

BIRTH RATE.

One hundred and twelve births were registered during the year 1910 (60 boys and 52 girls). This gives a birth-rate of 17.4 per thousand.

DEATH RATE.

The nett deaths at all ages belonging to this district is 43 (19 male and 24 female). This gives a death-rate of 6.6 per thousand.

This is the lowest death-rate that Formby has had for a great many years.

INFANTILE MORTALITY.

The number of deaths of infants under 1 year is four, which is considerably below the average.

INFECTIOUS CASES.

During the year 23 Infectious Cases were notified to me, none of which proved fatal. Six cases were removed to Bootle.

The following table gives the number of cases notified during the last 10 years :—

1901.....	45	1906.....	35
1902.....	66	1907.....	85
1903.....	130	1908.....	27
1904.....	35	1909.....	22
1905.....	18	1910.....	23

SCARLET FEVER.

Eighteen cases were notified, five of which were removed to Hospital.

DIPHTHERIA.

Three cases were reported, one of which was removed to Hospital.

ENTERIC FEVER.

No cases were reported.

ERYSIPELAS.

Two cases were notified.

PUERPERAL FEVER.

No cases were notified.

INFECTIOUS HOSPITAL.

Arrangements have been made with Bootle to take all our cases.

INSPECTION OF THE DISTRICT.

During the past year I have accompanied your Sanitary Inspector on many occasions to houses, dairies, shippons, bakehouses, and workshops in the district, and I find everything very satisfactory.

SANITARY STATE OF THE DISTRICT AT THE END
OF THE YEAR.

I consider the sanitary condition of Formby much improved, but there are still a great many houses on the line of sewer which are not connected up, and have only taken the connection into their boundary. I should like to see these houses joined up to these Soil Pipes and Privies.

I am, Gentlemen,

Your obedient Servant,

FRANCIS CARTER,

Medical Officer of Health.

TABLE I. FORMBY URBAN DISTRICT.
Vital Statistics for the Whole District during 1910 and previous years.

YEAR	Population estimated to Middle of each year.	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District	Deaths of Non-residents in the District	Deaths of Residents beyond the District	Nett Deaths at all Ages belonging to the District									
		Number	Rate*	3	Rate per 1,000 Births registered	Number	Rate*	7				8	9	10	11	12	13				
																		Under 1 year of age		At all ages	
I	2																				
1900	5647	125	22.1	15	123.0	88	15.56	3	2	88	15.56										
1901	5649	117	20.7	14	110.6	53	9.36	5	1	53	9.36										
1902	5764	108	18.7	14	129.6	69	11.96	—	4	69	11.96										
1903	5906	110	18.6	10	90.9	64	10.83	4	3	64	10.83										
1904	6030	111	18.4	15	135.1	74	12.27	8	9	74	12.27										
1905	6086	122	20.04	9	73.7	66	10.84	6	4	66	10.84										
1906	6325	125	19.7	11	88.0	66	10.4	2	2	66	10.4										
1907	6342	108	17.02	6	55.5	70	11.02	7	7	70	11.02										
1908	6342	117	18.4	8	68.3	54	8.5	5	3	52	8.3										
1909	6424	110	17.1	11	100	58	8.1	3	4	62	9.6										
Averages for years 1900—1909	6051	115	18.5	11.3	97.4	66.2	10.7	4.3	3.9	66.4	10.8										
1910	6424	112	17.4	4	35.7	38	5.9	2	5	43	6.6										

Area of District in Acres (exclusive of area covered by water), 5427.

At Census of 1901 :—Total population at all ages, 5649 ; Number of inhabited houses, 1054 ; Average number of persons per house, 5.13.

TABLE II. FORMBY URBAN DISTRICT.

Vital Statistics of separate Localities in 1910 and previous years.

YEAR	Population estimated of to Middle of each year	Births registered	Deaths at all ages	Deaths under one year
	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1900 ...	5647	125	88	15
1901 ...	5649	117	53	14
1902 ...	5764	108	69	14
1903 ...	5906	110	64	10
1904 ...	6030	111	74	15
1905 ...	6086	122	64	9
1906 ...	6325	125	66	11
1907 ...	6342	108	70	6
1908 ...	6342	117	54	8
1909 ...	6424	110	58	11
Averages of Years 1900 to 1909	6051	115	66.2	11.3
1910 ...	6424	112	38	4

NOTES.

- (a) The separate localities adopted for this Table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district; and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population, this Table need not be filled up.
- (b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns (c) of this Table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms "resident" and "non-resident.")
- (c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.
- (d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.: thus, the totals of sub-columns (a), (b), and (c) should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns (c) should agree with the total column 2 in Table IV., and the gross total of sub-columns (d) with the total of column 3 in Table IV.

TABLE III. FORMBY URBAN DISTRICT.
Cases of Infectious Disease notified during the Year 1910.

Notifiable Disease	Cases notified in whole District							Total cases removed to Hospital
	At all Ages	At Ages†—Years						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	
Smallpox .....	...	...	...	...	...	...	...
Cholera .....	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	3	2	1	...	...	...	1
Erysipelas	2	...	...	...	2	...	...
Scarlet Fever.....	18	1	14	1	2	...	5	
Typhus Fever .....	...	...	...	...	...	...	...
Enteric Fever .....	...	...	...	...	...	...	...
Relapsing Fever .....	...	...	...	...	...	...	...
Continued Fever .....	...	...	...	...	...	...	...
Puerperal Fever .....	...	...	...	...	...	...	...
Plague .....	...	...	...	...	...	...	...
*	
Totals	23	3	15	1	4	...	6	

NOTES.—The localities adopted for this Table should be the same as those in Tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent, and the accommodation, available for the district, afforded by it. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. The name of the Authority by whom the hospital is provided should also be given. Mark (W) the locality in which a work-house is situated.

* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital—BOOTLE FEVER HOSPITAL

Total available beds for your district—
UNLIMITED.

NOTES.—The localities adopted for this Table should be the same as those in Tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent, and the accommodation, available for the district, afforded by it. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. The name of the Authority by whom the hospital is provided should also be given. Mark (W) the locality in which a work-house is situated.

* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital—BOOTLE FEVER HOSPITAL
Total available beds for your district—
UNLIMITED.

TABLE IV. FORMBY URBAN DISTRICT.

Causes of, and Ages at, Death during the Year 1910.

Causes of Deat	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belonging to localities, whether occurring in or beyond the District	Total Deaths whether of "Residents" or "Non- Residents" in Public Institutions in the District
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards		
Measles .....	...	...	...	...	...	...	...	...	...
Whooping-cough ..	...	...	...	...	...	...	...	...	...
Cholera .....	...	...	...	...	...	...	...	...	...
Phthisis (Pulmon- ary Tuberculosis)..	5	...	...	I	I	3	...	...	...
Cancer, malignant disease.....	4	...	...	...	...	2	2	...	I
Bronchitis.....	...	...	...	...	...	...	...	...	...
Pneumonia	6	I	...	...	...	I	4	...	...
Pleurisy .....	...	...	...	...	...	...	...	...	...
Premature Birth ..	2	2	...	...	...	...	...	...	...
Heart diseases ...	8	...	I	...	...	6	I	...	...
Accidents	I	...	...	...	...	I	...	...	...
Suicides.....	I	...	...	...	...	I	...	...	...
All other causes ...	16	I	I	...	I	6	7	...	I
All causes	43	4	2	I	2	20	14	...	2

TABLE V. Formby Urban District. Infantile Mortality during the Year 1910.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Deaths from stated Causes in Weeks and Months under One Year of Age.																Total Deaths under one Year
	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-2 months	2-3 months	3-4 months	4-5 months	5-6 months	6-7 months	7-8 months	8-9 months	9-10 months	10-11 months	11-12 months	
All Causes } Certified Uncertified ...	I ...	... ..	I ...	... ..	2 ...	I ...	I ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	4 ...
Whooping Cough .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea, all forms .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis, Gastro-intestinal Catarrh .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	I ...	... ..	... ..	... ..	I ...	I ...	...	...	...	...	...	...	...	...	...	...	...
Congenital Defects .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility																	
Marasmus .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis :																	
Tabes Mesenterica.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions .....	...	...	I ...	...	I ...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	I ...	... ..	I ...	... ..	2 ...	I ...	I ...	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	... ..	4 ...

Population (estimated to middle of 1910)—6424.

Births in the year :—Legitimate, 110 ; illegitimate, 2. Deaths in the year of :—Legitimate infants, 4 ; illegitimate infants, nil.
Deaths from all Causes at all ages—38.

TABLE VI.**County of Lancaster.****Summary of Medical Officer's Report for 1910.**

Urban District of Formby.

Area in Statute Acres, 5,427.

Population (Census 1901), 5,649.

Population (Estimated) 1910, 6,424.

Medical Officer of Health, Francis Carter ; salary, £40.

Births registered :—Males, 60 ; Females, 52 ; total, 112.

Deaths registered (nett deaths belonging to the district) :—
Males, 19 ; Females, 24 ; total, 43.

Number of Illegitimate Births registered—2.

Deaths of Illegimates under one year of age—Nil.

Birth-rate—17.4.

Death-rate—6.6.

Rate of Infant Deaths, under 1 year, to 1,000 Births—35.7

Death-rate from the Seven Principal Epidemic Diseases
per 1,000 of population—Nil.

Diseases specially prevalent ?—Scarlatina. Period ?—
Spring and Autumn.

Any Schools Closed ?—Yes. If so, for what disease ?—
Mumps.

What is the character of the Hospital Accommodation ?—
For Small-pox, Bootle For other Infectious Diseases,
Bootle.

Is it Joint or otherwise?—Cases admitted to Bootle at fixed rates.

No. of Beds available for your District?—For Small-pox, arrangements with Bootle ; for other Infectious Diseases, unlimited.

No. of cases removed to hospital from your District?—Small-pox, nil ; Diphtheria, 1 ; Scarlet Fever, 5 ; Enteric Fever, nil ; total, 6.

Deaths in Hospital of patients from your District?—From what causes, nil.

How is Disinfection carried out?—Houses : Fumigation and Spray. No. of Houses disinfected?—20. Apparatus used for Clothing, Bedding, &c. (steam or otherwise)?—Super-heated Steam. Where is apparatus situated?—Bootle.

No. of cases of Infectious Disease reported under the Notification Act?—23.

Are any Diseases not specifically mentioned in the Act notifiable (for instance, Measles, Whooping Cough, Diarrhœa, Chicken Pox, Ophthalmia Neonatorum, &c.)?—No.

Bacteriological Examinations. No. and nature of specimens examined?—11.

Has any arrangement been made for the “voluntary” notification of Pulmonary Tuberculosis?—No.

No. of cases of Pulmonary Tuberculosis reported under the Public Health (Tuberculosis) Regulations, 1908?—4.

Has any arrangement been made under the Diphtheria Anti-toxin Order, 1910?—Yes ; supplied Free.

SUMMARY.—*Continued.*

Action taken under "The Housing of the Working Classes Acts, 1890 to 1909"	Nil.
From where is the Water Supply obtained ?.....	Southport Water Board.
What is its condition ?.....	Good, but very hard.
Is it subject to your inspection ?	No.
Is Scavenging and Removal of House Refuse carried out satisfactorily ?.....	Yes.
How performed (by Sanitary Authority, Contract, or Occupiers of Houses) ?.....	By Contract.
How is the Refuse disposed of ?	Deposited on open land, sorted out, levelled, and burnt.
Has a Destructor been provided ?	No.
Sewage Disposal Works. Method of treatment ?.....	Septic Tank Treatment, and effluent direct to sea.
What is the character of the Drainage System ?...	Sewer and Cesspools.
Drain Testing, Flushing, &c. ?	Is efficiently carried out.

SUMMARY.—*Continued.*

Action taken with regard to the Pollution of Streams ?...	Nil.
Canal Boats : Number Inspected ?	Nil. Number of Infringements of Acts ?—Nil.
What is the condition of the Bakehouses	Satisfactory.
„ Slaughter Houses ?.....	Satisfactory. Has a Public Abattoir been provided ?—No.
„ Lodging Houses ?.....	Nil. Are they Registered ? Nil.
What is the sanitary condition of the Schools ?.....	Satisfactory.
Dairies, Cowsheds, and Milkshops— Are they periodically inspected ?	Yes. What is their condition ?—Satisfactory.
Have Regulations been made under the order of the L.G.B. ?	Yes. Are they enforced ?—Yes.
Amount of air space in cubic feet required for each cow ?	800 cubic feet.
No. of Cowkeepers ?.....	32. No. on Register ?—32.
No. of Dairymen or Purveyors of Milk (other than Cowkeepers) ?	Nil. No. on Register ?—Nil.

SUMMARY.—*Continued.*

Food unfit for Human Consumption : Amount seized ?	Nil.
No. of Legal Proceedings, and result ?.....	Nil.
Department of Inspector of Nuisances	No. of Notices served ?—25. Nuisances remedied ?—97.
	No. of Legal Proceedings taken and result ?—Nil.
Closet accommodation of the District	No. of Privy Middens ?—666. Pail Closets ?—384. Fresh Water Closets ?—Nil. Waste Water Closets ?—Nil.
Smoke	No. of Observations ?—Nil. No. of Legal Proceedings taken and result ?—Nil. What is the time limit allowed for the emission of black smoke per hour ?—Public Health Act, 1875.
Has the Authority adopted—	“ The Infectious Disease (Prevention) Act, 1890 ” ? Yes. “ The Public Health Acts Amendment Act, 1890 ” ? Yes. “ The Public Health Acts Amendment Act, 1907 ” ? Applying for Part IV., re diseases. “ The Notification of Births Act, 1907 ” ?—Nil.

SUMMARY.—*Continued.*

Has a Health Visitor been appointed?	No.
Notable Sanitary improvements during 1910.....	Two of the large Elementary Schools have been connected to Sewer.
Chief Sanitary requirements of District	The connecting up of the remaining houses on the line of sewer, and the abolition of Cesspools and Privy accommodation.

SURVEYOR'S DEPARTMENT,

COUNCIL OFFICES,

FORMBY,

December, 1910.

DR. CARTER,

Medical Officer of Health,

Formby Urban District Council.

DEAR SIR,

I herewith submit to you my Annual Report, showing the Sanitary Inspections made, with Summary of Nuisances abated, and Sanitary Improvements effected as the result of such inspections within the Urban District, during the year ending 31st December, 1910.

SUMMARY.

No. of Houses and Premises visited	1063
Do. fronting on line of Sewers.....	439
Do. connected to Sewers	288
Do. connected to Sewer, but still have Privy Closets.....	89

The premises where infectious disease has occurred have been promptly sprayed and fumigated upon receiving your instructions, also the premises which have been occupied by Tuberculous persons have been well sprayed with liquid Formaline upon your instructions.

DETAILS OF SCAVENGING.

No. of Ashpits emptied and cleaned	912
	Average per month, 76.
Do. Privy Pails	Do. ....9000
	Average per month, 750.
Do. Dust Bins	Do. ....6240
	Average per month, 520.

DETAILS OF SANITARY IMPROVEMENT WORK.

Defective Drains repaired, cleaned, etc.	31
Do. Soil and Ventilating Shafts repaired	3
Do. Waste Pipes repaired	3
Do. Water Supplies repaired	2
Do. Water Closets repaired	1
Do. Ashpits repaired	2
Do. Privies—New Pails provided.....	21
Do. Dust Bins—New Bins provided.....	4
Do. House Roofs and Eaves Gutters repaired	7
Do. Paving repaired	4
Miscellaneous Nuisances abated	8
Dirty Houses cleaned	2
Stable Manure Steads reconstructed	1
Nuisances from Cesspools abated	7
Water Closets provided in place of Privy.....	1

PREMISES CONNECTED TO SEWER.

14 Elson Road	
16 Elson Road.	
22 do.	
“ Denbie House,” do.	
4 Formby Street.	
6 do.	
10 Three Tuns Lane.	
12 do.	
“ Ash Cottage,” do.	
“ Raven Villa,” Raven Meols Lane.	
“ Rocklynn,” do.	
“ St. Leonard’s,” do.	
Council Offices, Church Road.	
Holy Trinity Schools, Formby.	
Roman Catholic Schools, Formby.	
At “ Willow Dene,” Duke Street	} Work in hand not yet completed.
“ Greenside,” do.	
“ The Cottage,” do.	
“ West View,” do.	

Plans for drainage have been approved for the following :—

Nos. 19 to 25 Raven Meols Lane.

Nos. 2 to 18 Chapel Lane.

“ Rectory Cottages,” School Lane
(3 cottages).

2 Houses, Cheapside.

DAIRIES AND COWSHEDS.

Inspections have been made of the Cowsheds and Dairies in the district, and have on all occasions been found to be in a cleanly condition.

Yours respectfully,

THOMAS B. SIMMONS,

M.INST.M.C.E., M.R.S.I., ETC.

Surveyor and Sanitary Inspector.

